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THERAPY BY IMPLANTATION OF THYROID GLAND TISSUE ACCORDING TO FILATOV

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The following is a communication from the Surgical and Neurological Departments, Molodetskaya Obstet Hospital.

Implantation of fresh and preserved thyroid gland tissue has been applied at the Molodetskaya Obstet Hospital since 1946-1947. Up to now, 589 operations of this type have been performed.

The tissue is obtained from patients operated on for goiter and Basedow's disease. Originally, the treatment was applied principally in cases of trophic ulcers (particularly of the legs), erosions of the cervix of the uterus, various desmogenous contractures, keloid scars, and экземas. During the past 2 years, it has been used extensively in cases of traumatic epilepsy.

While the implantations were originally made near the afflicted area, they are at present carried out on the lateral surface of the chest, this being the most convenient location. As a result of the experience acquired with this type of therapy, the following conclusions were reached.

Fresh thyroid gland tissue is more effective than placental membrane, hernia sacks, skin of corpses, or autotransplanted skin. It is particularly effective in treating trophic ulcers of the legs which do not heal for a long time. Implantation of thyroid gland tissue induces considerable softening of scars and adhesions in the abdominal region, occasionally bringing about complete resorption. This therapy has a beneficial effect in alleviating scar stenoses of the esophagus, chronic blocking due to adhesions, keloid scars, and appendicular infiltrates. An exceptionally good effect is observed in the treatment of traumatic epilepsy. Some improvement is also noted in cases of genuine epilepsy, although the effect is considerably less pronounced and lasting than in the traumatic form of the disease.

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